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Working Party on Passive Safety

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Item 6 of the provisional agenda
Regulation No. 14 (Safety-belt anchorages)

Proposal for the 08 series of amendments to Regulation No. 14 (Safety-belt anchorages)

Submitted by the expert from the International Organization of Motor Vehicle Manufacturers *

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA), aimed at improving the provisions concerning vehicle of category M_1 having only one seat row and inuroducing a new definition of "bucket seat". This text is based on a document without symbol (GRSP-56-32) distributed during the fifty-sixth session of the Working Party on Passive Safety (GRSP). The modifications to the current text of UN Regulation No. 14 are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

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I. Proposal

Paragraph 1., amend to read:

"1 This Regulation applies to:

(a) Vehicles of …

(b) Vehicles of category M_1 **having more than one seating position** with regard to their ISOFIX anchorage ...

(c) Vehicles of any ..."

Insert a new paragraph 2.33., to read:

"2.33. "Bucket seat" means a seat for a front passenger, having a non-adjustable seat back.

Such a seat shall have:

(a) Distinct side bolsters on both the cushion and the seat back that offer lateral support to the occupant

(b) A seat back angle fixed in relation to the seat base."

Paragraph 4.2., amend to read:

"4.2. An approval number shall be assigned to each type approved. Its first two digits (at present 08, corresponding to the 08 series of amendments) shall indicate … as defined in paragraph 2.2. above."

Insert new paragraphs 5.3.8.1. and 5.3.8.2., to read:

"5.3.8.1. No ISOFIX position or ISOFIX low anchorages shall be required on bucket seats, as defined in paragraph 2.33.

5.3.8.2. Vehicles with more than one seat row"

Paragraph 5.3.8.1.(former), renumber as paragraph 5.3.8.2.1. and amend to read:

"5.3.8.2.1. Subject to the provisions of paragraphs 5.3.8.2.2. to 5.3.8.2.4 below, ~~Any~~ vehicles of category M_1 shall be equipped at least with two ISOFIX positions which satisfy the requirements of this Regulation.

At least two of the ISOFIX positions shall be equipped both with an ISOFIX anchorages system and an ISOFIX top tether anchorage.

The type and number of ISOFIX fixtures, defined in Regulation No. 16, which can be installed on each ISOFIX position are defined in Regulation No. 16.

At least one of the two ISOFIX positions shall be installed in the second seat row."

Insert new paragraph 5.3.8.2.2., to read:

"5.3.8.2.2. **Convertible vehicles as defined in 2.9.1.5. of the Consolidated Resolution on the Construction of Vehicles (R.E.3)[1] shall be fitted with at least two ISOFIX low anchorages. In a case where an ISOFIX top tether anchorage is provided on such vehicles, it shall comply with the suitable provisions of this Regulation."**

Paragraphs 5.3.8.2. and 5.3.8.3., shall be deleted

[1] ~~Document~~ ECE/TRANS/WP.29/78/Rev.2, para.2.

Paragraph 5.3.8.4.(former), renumber as paragraph 5.3.8.2.3. and amend to read:

"5.3.8.2.3. ~~Notwithstanding paragraph 5.3.8.1. vehicles of category M, need to have o~~Only one ISOFIX position ~~system~~ **is required infor** vehicles with:

(a) …

…"

Insert new paragraphs 5.3.8.2.4. to 5.3.8.3.4., to read:

"**5.3.8.2.4. If a vehicle is only equipped with one seat position per row, only one ISOFIX position is required in the passenger position. In a case where an ISOFIX top tether anchorage is provided on such vehicles, it shall comply with the suitable provisions of this Regulation. However, where it is not possible to install even the smallest forward-facing ISOFIX fixture (as defined in Regulation No. 16, Appendix 2, of Annex 17) in the passenger seating position then no ISOFIX position shall be required, provided that a child restraint system is specified for the vehicle.**

5.3.8.3. Vehicles with only one seat row

5.3.8.3.1. Subject to the provisions of paragraphs 5.3.8.3.3 and 5.3.8.3.4., an ISOFIX position which satisfies the requirements of this Regulation shall be provided. This ISOFIX position shall be equipped with an ISOFIX anchorages system and an ISOFIX top tether anchorage.

5.3.8.3.2. Subject to the provisions of paragraphs 5.3.8.3.3 and 5.3.8.3.4., convertible vehicles as defined in paragraph 2.9.1.5. of the Consolidated Resolution on the Construction of Vehicles (R.E.3), shall be equipped with at least two ISOFIX low anchorages. Where an ISOFIX top tether anchorage is provided on such vehicles, it shall comply with the suitable provisions of this Regulation.

5.3.8.3.3. Where it is not possible to install even the smallest forward-facing ISOFIX fixture (as defined in Regulation No. 16, Appendix 2, of Annex 17) in the passenger seating position then no ISOFIX position or ISOFIX low anchorages shall be required, provided that a child restraint system is specified for that vehicle.

5.3.8.3.4. If the vehicle has a Power to Mass Ratio index (PMR according to the definitions in 5.3.8.2.3.) exceeding 140, no ISOFIX position or ISOFIX low anchorages shall be required."

Paragraphs 5.3.8.5.(former), renumber as paragraphs 5.3.8.4.

Paragraph 5.3.8.6.(former), renumber as paragraph 5.3.8.5. and amend to read:

"5.3.8.5. ~~Notwithstanding paragraph 5.3.8.1. i~~In case of integrated "built in" child restraint system(s) the number of ISOFIX positions to be provided shall be ~~at least two minus~~ **reduced by** the number of the integrated "built in" child restraint system(s) of mass groups 0, or 0+, or 1."

Paragraphs 5.3.8.7. and 5.3.8.8., shall be deleted

Paragraphs 5.3.8.9. and 5.3.8.10.(former), renumber as paragraphs 5.3.8.6. and 5.3.8.7. and amend to read:

"5.3.8.6. ~~Notwithstanding paragraph 5.3.8.1.,~~ ISOFIX positions are not required in ambulances or hearses as well as vehicles intended for use by the armed services, civil defence, fire services and forces responsible for maintaining public order.

5.3.8.7. Notwithstanding the provisions **above** ~~of paragraph 5.3.8.1. to 5.3.8.4.~~, one or more of the mandatory ISOFIX positions may be replaced by i-Size seating positions."

Paragraphs 14. to 14.19., amend to read:

"14. Transitional provisions

14.1. As from the official date of entry into force of the 06 series of amendments, no Contracting Party applying this Regulation shall refuse to grant ECE approvals under this Regulation as amended by the 06 series of amendments.

14.2. As from 2 years after the enter into force of the 06 series of amendments to this Regulation, Contracting Parties applying this Regulation shall grant ECE type approvals only if the requirements of this Regulation, as amended by the 06 series of amendments, are satisfied.

14.3. As from 7 years after the enter into force of the 06 series of amendments to this Regulation, Contracting Parties applying this Regulation may refuse to recognize approvals which were not granted in accordance with the 06 series of amendments to this Regulation. However, **Contracting Parties applying this Regulation shall continue to accept** existing approvals of the vehicle categories which are not affected by the 06 series of amendments to this Regulation ~~shall remain valid and Contracting Parties applying this Regulation shall continue to accept them~~.

14.4. For vehicles not affected by paragraph 7.1.1. above, **Contracting Parties applying this Regulation shall continue to accept** approvals granted according to the 04 series of amendments to this Regulation ~~shall remain valid~~.

14.5. For vehicles not affected by Supplement 4 to the 05 series of amendments to this Regulation **Contracting Parties applying this Regulation shall continue to accept** the existing approvals ~~shall remain valid~~, if they had been granted in compliance with the 05 series of amendments, up to its Supplement 3.

14.6. As from the official date of entry into force of Supplement 5 to the 05 series of amendments, no Contracting Party applying this Regulation shall refuse to grant approvals under this Regulation as modified by Supplement 5 to the 05 series of amendments.

14.7. For vehicles not affected by Supplement 5 to the 05 series of amendments to this Regulation **Contracting Parties applying this Regulation shall continue to accept** the existing approvals ~~shall remain valid~~, if they had been granted in compliance with the 05 series of amendments, up to its Supplement 3.

14.8. As from 20 February 2005 for vehicles of category M_1, Contracting Parties applying this Regulation shall grant approvals only if the requirements of this Regulation, as amended by Supplement 5 to the 05 series of amendments, are satisfied.

14.9. As from 20 February 2007 for vehicles of category M_1, Contracting Parties applying this Regulation may refuse to recognize approvals which were not granted in accordance with Supplement 5 to the 05 series of amendments to this Regulation.

14.10. As from 16 July 2006 for vehicles of category N, Contracting Parties applying this Regulation shall grant approval only if the vehicle type satisfies

the requirements of this Regulation as amended by the Supplement 5 to the 05 series of amendments.

14.11. As from 16 July 2008 for vehicles of category N, Contracting Parties applying this Regulation may refuse to recognize approvals not granted in accordance with Supplement 5 to the 05 series of amendments to this Regulation.

14.12. As from the official date of entry into force of the 07 series of amendments, no Contracting Party applying this Regulation shall refuse to grant approvals under this Regulation as amended by the 07 series of amendments.

14.13. As from 24 months after the date of entry into force of the 07 series of amendments, Contracting Parties applying this Regulation shall grant approvals only if the requirements of this Regulation, as amended by the 07 series of amendments, are satisfied.

14.14. As from 36 months after the date of entry into force of the 07 series of amendments, Contracting Parties applying this Regulation may refuse to recognize approvals which were not granted in accordance with the 07 series of amendments to this Regulation.

14.15. Notwithstanding paragraphs 14.13. and 14.14., **Contracting Parties applying the Regulation shall continue to accept** approvals of the vehicle categories to the preceding series of amendments to the Regulation which are not affected by the 07 series of amendments ~~shall remain valid and Contracting Parties applying the Regulation shall continue to accept them~~.

14.16. As long as there are no requirements concerning the compulsory fitting of safety-belt anchorages for folding seats in their national requirements at the time of acceding to this Regulation, Contracting Parties may continue to allow this non-fitment for the purpose of national approval and in this case these bus categories cannot be type approved under this Regulation.

14.17. As from the official date of entry into force of Supplement 2 to the 07 series of amendments, no Contracting Party applying this Regulation shall refuse to grant type approval under this Regulation as amended by Supplement 2 to the 07 series of amendments.

14.18. As from 12 months after the official date of entry into force of Supplement 2 to the 07 series of amendments, Contracting Parties applying this Regulation shall grant type approvals only to those types of vehicle which comply with the requirements of this Regulation as amended by Supplement 2 to the 07 series of amendments.

14.19. Contracting Parties applying this Regulation shall not refuse to grant extensions of approvals, even if Supplement 2 to the 07 series of amendments is not fulfilled.

14.20. As from the official date of entry into force of the 08 series of amendments, no Contracting Party applying this UN Regulation shall refuse to grant or refuse to accept UN type approvals under this UN Regulation as amended by the 08 series of amendments.

14.21. As from 1 September 2019, Contracting Parties applying this Regulation shall grant type approvals only to those types of vehicle which comply with the requirements of this Regulation as amended by the 08 series of amendments.

14.22. **Contracting Parties applying the Regulation shall continue to accept approvals of the vehicle categories to the preceding series of amendments to the Regulation, granted before 1 September 2019.**

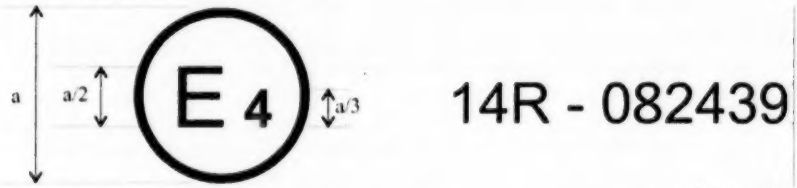
14.23. **Contracting Parties applying this UN Regulation shall not refuse to grant extensions of UN type approvals for existing types which have been granted on the basis of those provisions already covered by the approval."**

Annex 2, amend to read:

"Annex 2

Arrangements of the approval mark

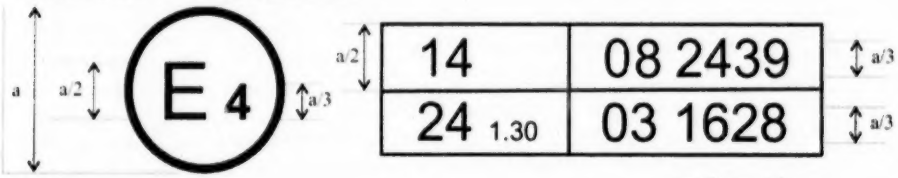
Model A
(see paragraph 4.4. of this Regulation)



a = 8 mm min.

The above approval … pursuant to Regulation No. 14, under the number 082439. The first two digits of the approval number indicate that Regulation No. 14 already included the 08 series of amendments when the approval was given.

Model B
(see paragraph 4.5. of this Regulation)



a = 8 mm min.

The above approval mark … Regulation No. 14 included the 08 series of amendments and Regulation No. 24 was in its 03 series of amendments."

II. Justification

The current proposal prepared by the expert from OICA, is aimed at improving the provisions concerning vehicle of category M_1 having only one seat row and introducing a new definition of "bucket seat".